

*claim 1*

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TITLE: DATA COMMUNICATION TERMINAL  
EQUIPMENT AND RETRANSMISSION  
TIMER CONTROL METHOD

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INVENTOR- INFORMATION:

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ABSTRACT:

PURPOSE: To perform a retransmission processing by using an optimum timeout value by dynamically changing the reception confirmation waiting time-out value of a terminal equipment.

CONSTITUTION: The timer value within a static retransmission timer 105 is copied in a dynamic retransmission timer 106 and dynamic retransmission time is used as a reception confirmation frame waiting time-out value. When the reception confirmation frame for the transmission frame of the first time is received, frame transmission time is taken out from the

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transmission time storage area 101 of each frame, the time is reduced from repection time and response time is determined. If the time is smaller than the past response time minimum value, the time is stored in a response time mimimum value storage area 102 and the dynamic retransmission time-out value of the timer 106 is updated by a retransmission timer control part 108. A reception confirmation frame waiting timer 109 is restarted, a retransmission flag 110 is turned on, a response time maximum value storage area 103 is used and the timer 106 is updated.

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